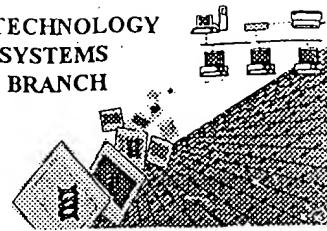


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/442,489E
Source: IFW16
Date Processed by STIC: 12/30/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03



IFW16

RAW SEQUENCE LISTING DATE: 12/30/2003
PATENT APPLICATION: US/09/442,489E TIME: 11:56:44

Input Set : A:\SN_09-442,489 substitute amended sequence listing.txt
Output Set: N:\CRF4\12302003\I442489E.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

(i) APPLICANT: ALBERTSEN, HANS
ANAND, RAKESH
CARLSON, MARY
GRODEN, JOANNA
HEDGE, PHILIP J.
JOSLYN, GEOFF
KINZLER, KENNETH
MARKHAM, ALEXANDER F.
NAKAMURA, YUSUKE
THLIVERIS, ANDREW
VOGELSTEIN, BERT
WHITE, RAYMOND L.

(ii) TITLE OF INVENTION: APC ANTIBODIES
(iii) NUMBER OF SEQUENCES: 154

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Banner & Allegretti, LTD
- (B) STREET: 1001 G Street, NW
- (C) CITY: Washington
- (D) STATE: D.C.
- (E) COUNTRY: USA
- (F) ZIP: 20001-4598

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US/09/442,489E
(B) FILING DATE: 18-Nov-1999

(C) CLASSIFICATION:

C--> 51 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/452,654

(B) FILING DATE: 25-MAY-1995

(A) APPLICATION NUM

(B) FILING DATE: 12-AU

(A) APPLICATION NUMBER: US 07/741,940

(B) FILING DATE: 08-AUG-1001

ATTORNEY/AGENT INFORMATION:

(A) NAME: Kagan, Sarah A.

(B) REGISTRATION NUMBER: 3

(C) REFERENCE/DOCKET NUMBER

Does Not Comply
Corrected Diskette Needed

pp 1-3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/442,489E

DATE: 12/30/2003

TIME: 11:56:44

Input Set : A:\SN 09-442,489 substitute amended sequence listing.txt
 Output Set: N:\CRF4\12302003\I442489E.raw

- 61 (ix) TELECOMMUNICATION INFORMATION:
 62 (A) TELEPHONE: 202-508-9100
 63 (B) TELEFAX: 202-508-9299

ERRORED SEQUENCES

3914 (2) INFORMATION FOR SEQ ID NO: 95: → 25 shown below
 3916 (i) SEQUENCE CHARACTERISTICS:
 3917 (A) LENGTH: 24 base pairs
 3918 (B) TYPE: nucleic acid
 3919 (C) STRANDEDNESS: single
 3920 (D) TOPOLOGY: linear
 3922 (ii) MOLECULE TYPE: cDNA
 3924 (vi) ORIGINAL SOURCE:
 3925 (A) ORGANISM: Homo sapiens
 3927 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 95:
E--> 3929 AGAAGGATCC CTTGTGCAGT GTGGA 24 25
 4033 (2) INFORMATION FOR SEQ ID NO: 102:
 4035 (i) SEQUENCE CHARACTERISTICS:
 4036 (A) LENGTH: 18 base pairs
 4037 (B) TYPE: nucleic acid
 4038 (C) STRANDEDNESS: single
 4039 (D) TOPOLOGY: linear
 4041 (ii) MOLECULE TYPE: cDNA
C--> 4043 (vi) ORIGINAL SOURCE:
 4044 (A) ORGANISM: Homo sapiens
 4046 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 102:
E--> 4048 GGGAGATTTC GCTCCTGA 102 18 shown
E--> 4809 (A) Artificial sequence (consensus) See P. 3 for explanation
 4799 (2) INFORMATION FOR SEQ ID NO: 147:
 4801 (i) SEQUENCE CHARACTERISTICS:
 4802 (A) LENGTH: 20 amino acids
 4803 (B) TYPE: amino acid
 4804 (D) TOPOLOGY: linear
 4806 (ii) MOLECULE TYPE: protein
 4808 (vi) ORIGINAL SOURCE:
 4811 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 147:
W--> 4813 Phe Xaa Val Glu Xaa Thr Pro Xaa Cys Phe Ser Arg Xaa Ser Ser Leu Ser Ser Leu
 4814 1 5 10 15
 4816 Ser
 4817 20

09/442,489E 3

(2) INFORMATION FOR SEQ ID NO:147:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 20 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(vi) ORIGINAL SOURCE: _____ ORGANISM:
(A) Artificial sequence (consensus)

insert the heading below

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/442,489E

DATE: 12/30/2003

TIME: 11:56:45

Input Set : A:\SN 09-442,489 substitute amended sequence listing.txt
Output Set: N:\CRF4\12302003\I442489E.raw

L:39 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:40 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:43 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:47 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:51 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:16 M:259 W: Allowed number of lines exceeded, (i) APPLICANT:
L:17 M:259 W: Allowed number of lines exceeded, (i) APPLICANT:
L:3929 M:254 E: No. of Bases conflict, Input:24 Counted:25 SEQ:95
L:3929 M:204 E: No. of Bases differ, LENGTH:Input:24 Counted:25 SEQ:95
L:3975 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:3992 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4009 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4026 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4043 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4048 M:254 E: No. of Bases conflict, Input:102 Counted:18 SEQ:102
L:4146 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4163 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4809 M:243 E: Alpha Header Field expected, Data=[(A) Artificial sequence (consensus)],
Sequence Header Line Not Processed!
L:4813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147 after pos.:0